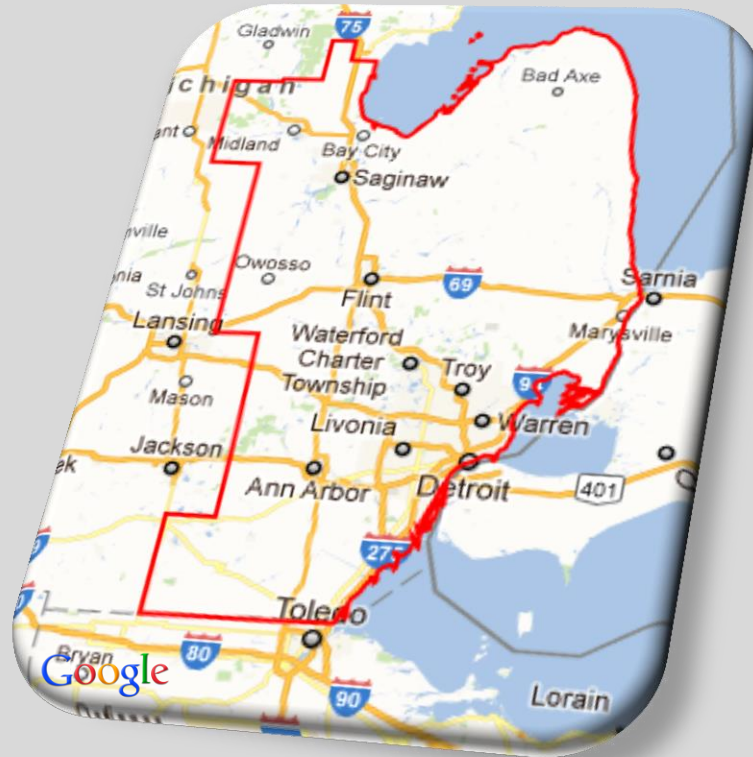




# Weather Briefing

May 20, 2014 (2 PM)



**National Weather Service**  
**Detroit/Pontiac, MI**

<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)



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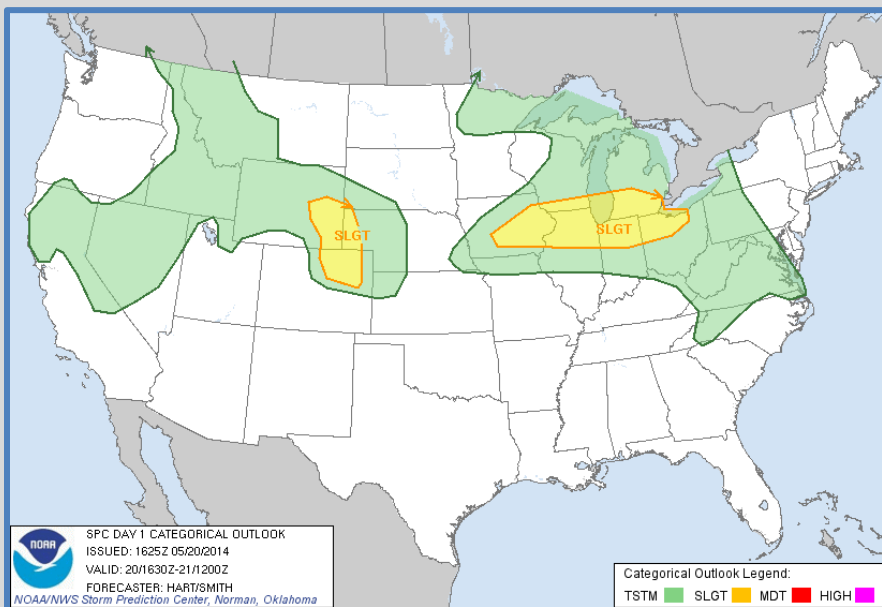


# Hazard Summary

## Slight Risk This Afternoon Through Tonight



## Severe Weather Outlook This Afternoon through Tonight



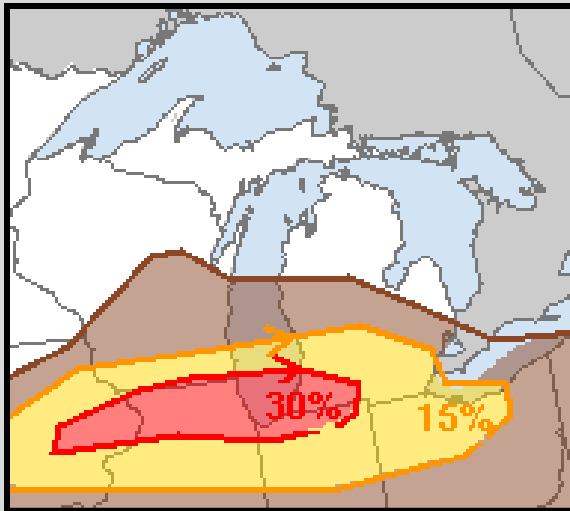
- ✓ Storms Possible Today and Tonight
- ✓ Highest severe weather potential between Midnight and 6 AM Wednesday morning
- ✓ Biggest threat will be damaging wind gusts and very heavy rainfall

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# Severe Weather Threats

## Today and Tonight

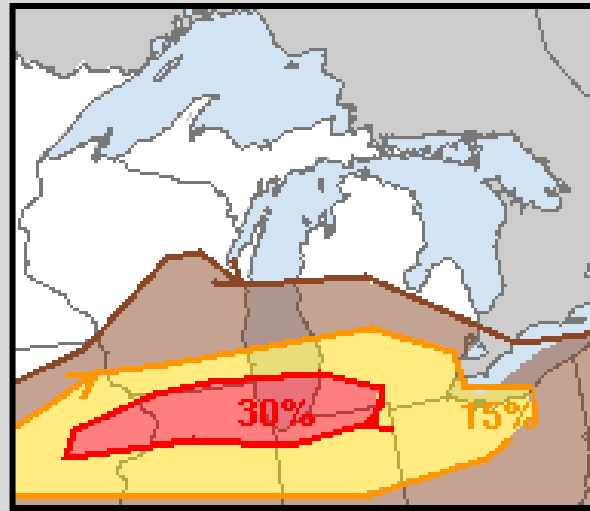


### Damaging Winds

**60 mph and Stronger**

**Embedded within  
storm complex  
moving in from west**

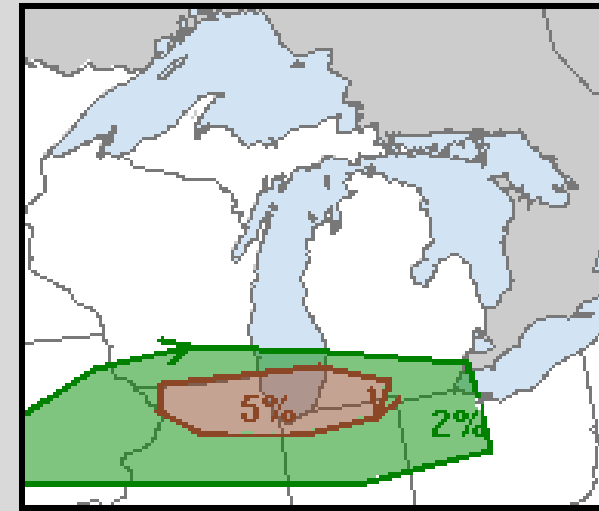
**More likely along and  
south of the M-59  
corridor**



### Large Hail

**Greater Than 1"  
in diameter**

**More likely along and  
south of the M-59  
corridor**



### Tornado

**Minimal threat**

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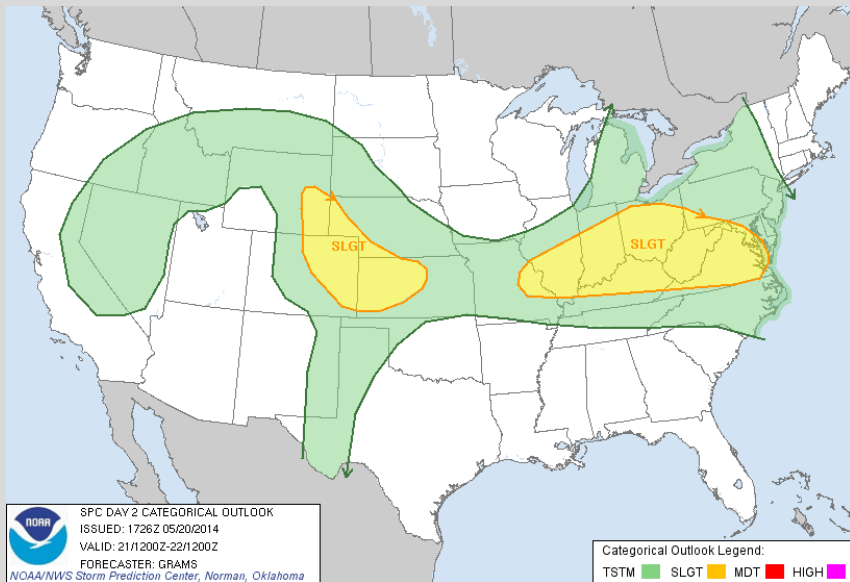


# Severe Weather Outlook

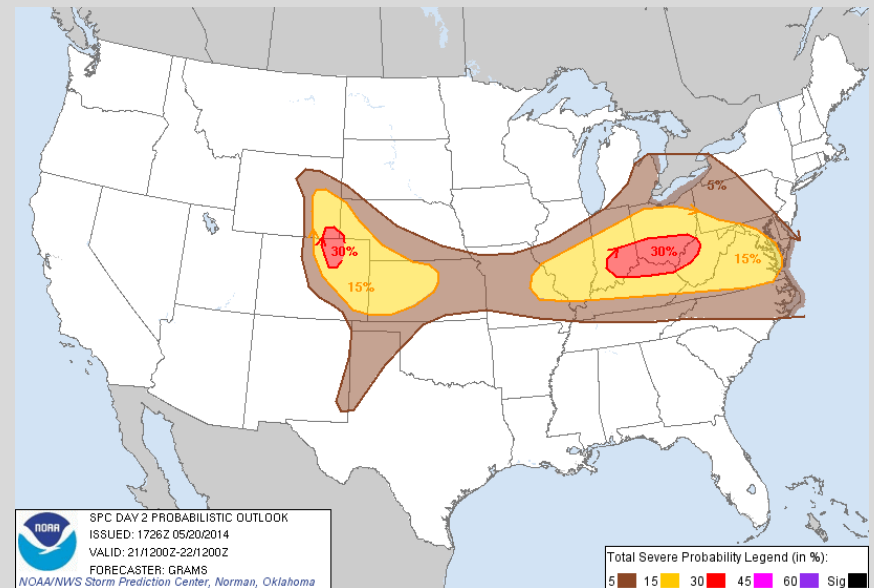
## Severe Weather Threat for Wednesday



### Wednesday, May 21



**Categorical Severe Weather Outlook**



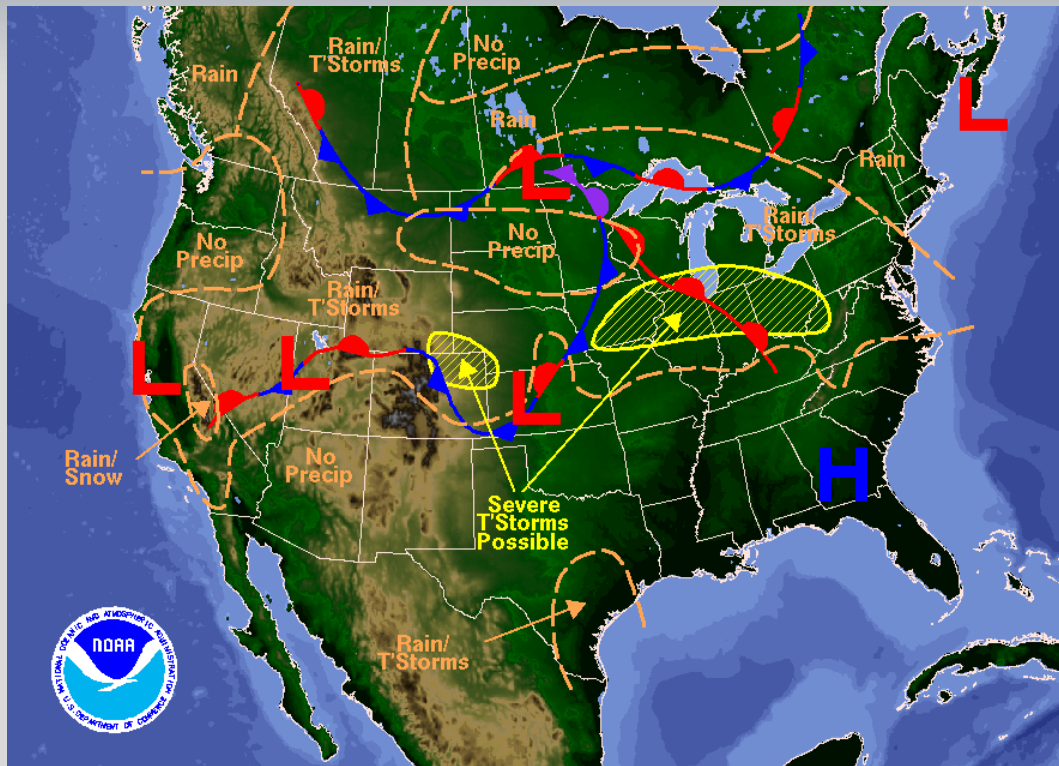
**Severe Weather Probabilities**

- ✓ Isolated severe storms possible
- ✓ Biggest threat will be damaging wind gusts to 60 mph
- ✓ Most likely in the morning through 6 PM

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# Decision Support Briefing Highlights



Weather Forecast for Tue, May 20, 2014, issued 2:59 AM EDT  
DOC/NOAA/NWS/NCEP/Weather Prediction Center  
Prepared by McCreynolds based on WPC, SPC and NHC forecasts

## Event Summary

**Threat of Severe Weather  
Today into Wednesday**

**Storms will develop to our  
west and track east tonight,  
affecting mainly areas south  
of M-59**

Forecast Weather Map for Tuesday May 20



# Severe Weather Details

## Today through Wednesday



<b>What</b>	<ul style="list-style-type: none"><li>• Thunderstorms are expected to develop to our west and track east</li><li>• <b>Greatest Threat:</b> Damaging Winds, Heavy rainfall and localized flooding</li><li>• <b>Lesser Threat:</b> Large Hail, Tornadoes</li></ul>
<b>When</b>	<ul style="list-style-type: none"><li>• Best potential tonight from 12 AM until 6 AM Wednesday</li><li>• Isolated threat through 6 PM Wednesday</li></ul>
<b>Where</b>	<ul style="list-style-type: none"><li>• Much of Lower Michigan</li><li>• Highest potential along and south of M-59</li></ul>
<b>Forecast Confidence</b>	<ul style="list-style-type: none"><li>• Stronger storms may miss us to the south</li><li>• Storms may not become strong or severe tomorrow after other storms track across and use up instability.</li></ul>

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# Additional Information



**Local Hazards Page**

<http://www.weather.gov/detroit/svr.php>

**Storm Prediction Center**

<http://www.spc.noaa.gov>

**NWS Detroit/Pontiac, MI**

<http://www.weather.gov/dtx>

Email: [w-dtx.webmaster@noaa.gov](mailto:w-dtx.webmaster@noaa.gov)



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